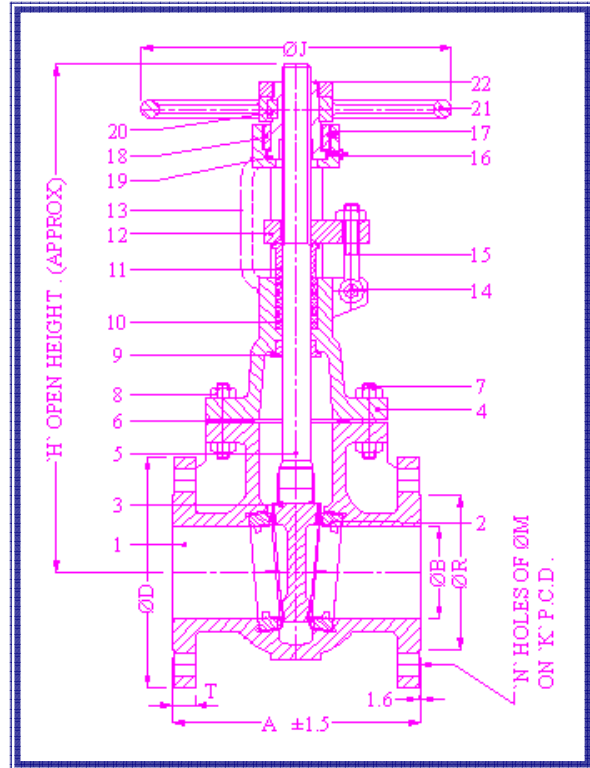


LIST OF MATERIALS

Sr.	Item	Qty.	Material
1	Body	1	ASTM A - 216 Gr. WCB ASTM A - 351 Gr. CF8 / CF8M
2	Seat ring	2	CS With 13% Cr.Facing AISI - 304 / 316(Integral)
3	Wedge	1	CS With 13% Cr.Facing AISI - 304 / 316
4	Bonnet	1	ASTM A - 216 Gr. WCB ASTM A - 351 Gr . CF8 / CF8M
5	Spindle	1	AISI - 410 / 304 / 316
6	Gasket	1	Spiral Wound SS 304 With CAF Filler / P.O
7	Bonnet Stud	As.Req.	ASTM A - 193 Gr. B7
8	Bonnrt Stud Nut	As.Req.	ASTM A - 194 Gr. 2H
9	Bonnet Bush	1	AISI - 410 AISI - 304 / 316 Integral
10	Gland Packing	MIN. 7	Inconel wire reinforced Graphited asbestos.
11	Gland Bush	1	AISI - 410 / 304 / 316
12	Gland Flange	1	Carbon Steel AISI - 304
13	Name Plate	1	Aluminium
14	Cross bolt & Nut	2	Carbon Steel AISI - 304
15	Eye bolt & Nut	2	Carbon Steel AISI - 304
16	Grease Nipple	1	Commercial
17	Grub Screw	1	Commercial
18	Yoke Bush	1	Carbon Steel
19	Yoke Sleeve	1	Al.Bronze / Ni - Resist
20	Hand Wheel Key	1	Carbon Steel
21	Hand Wheel	1	Cast Iron / M.I
22	Hand Wheel Nut	1	Carbon Steel

TECHNICAL DATA

Manufacturing Standard : API 600
 Testing Standard : API 598
 Face to Face to : ANSI B 16.10
 Flanges to : ANSI B 16.5



ASA - 150

SIZE	B	A	D	T	R	K	N	M	H	J
25	25	127	108	11	51	79	4	16	205	152
40	38	165	127	14	73	98	4	16	265	152
50	51	178	152	16	92	120	4	19	397	203
65	63	191	178	17	105	140	4	19	420	203
80	76	203	191	19	127	152	4	19	487	254
100	102	229	229	24	157	190	8	19	611	254
125	125	254	254	24	186	216	8	22	745	305
150	152	267	279	25	216	241	8	22	825	305
200	203	292	343	28	270	298	8	22	1060	356
250	254	330	406	30	324	362	12	25	1276	457
300	306	356	483	32	381	432	12	25	1484	508
350	337	381	533	35	413	476	12	28	1636	508
400	387	407	597	36	470	540	16	28	1875	600
450	438	432	635	40	533	578	16	32	2178	600
500	489	457	698	43	584	635	20	32	2380	800
600	591	508	813	48	692	749	20	35	2560	800

SERVICE RATING & TEST PRESSURE (P S I G)

CLASS	TEMP	HYDRO.		
		BODY	SEAT	SEAT AIR
150	500°F	443	314	100

ENGINEERING OPTIONS:

- 1) Stelling is done on Seat ring & Wedge if required.
- 2) Remote operation on request

All Dimensions are in M.M